

Blacksburg Location  
2001 Kraft Drive  
Blacksburg, VA 24060



Radford Location  
20 Corporate Drive  
Radford, VA 24141

**Job Title: Biological Materials Production Team Leader,  
Conjugation and Toxin Production**

**Company Overview**

TECHLAB®, Inc. was founded in 1989 by scientists from the Virginia Tech Anaerobe Lab, one of the only three institutions in the world dedicated to the study of anaerobic organisms. In the late 1970's and early 1980's, research headed by Dr. Tracy Wilkins began on *Clostridium difficile* and its toxins.

Today the company develops, manufactures and distributes intestinal diagnostics worldwide retaining an emphasis on science and collaborations with universities. Products are focused in the areas of intestinal inflammation, antibiotic associated diarrhea and parasitology. Research continues on markers of intestinal inflammation, the toxins of *Clostridium difficile*, amebiasis and vaccine development. TECHLAB®, Inc. has ISO 13485 certification along with FDA registration. For more information, visit [www.techlab.com](http://www.techlab.com).

**Job Summary**

The job of Biological Materials Production Team Leader, Conjugation and Toxin Production is to produce any raw materials used in TechLab kits. The Biological Materials Production Team Leader adheres to standard operating procedures, master batch records, and other regulatory documents. Biological Materials Production Team Leader will report Biological Materials Production Manager.

**Work Activities**

- Perform purification of recombinant antigens and native toxins
- Perform a coupling of custom ligand for affinity purification and column performance assessment
- Conduct investigation for non-conformances and defects
- Perform peer review on completed batch records and other documents
- Conduct annual validations on equipment
- Troubleshoot and recommend improvements to existing protocols
- Write new standard operating procedures and master batch records and initiate change to the existing documents
- Oversee daily activities related to conjugation and toxin production
- Assist BMP personnel with daily work and provide scientific guidance
- Work on tasks set by Biological Materials Production Manager

**Tools and Equipment Used**

GE AKTA Protein Purification Systems  
Microsoft Office Suite  
Basic Lab Equipment  
Hand held calculators

**Job Context**

TechLab® maintains a climate controlled environment for the job of Biological Materials Production Team Leader. The Biological Materials Production Team Leader can expect to work with human pathogens. An employee in this position must be able to lift and walk with materials upwards of 50 lbs. A typical workday is Monday through Friday 8:00 to 4:30 or 8:30 to 5:00. Overtime is occasionally necessary with or without advance notice.

**Minimum Qualifications**

B.S in Life Sciences plus 3-5 years of relevant experience

M.S in a life sciences plus 1-3 years of experience, previous supervisory experience required.